

2. (Amended) A purified single-stranded DNA comprising a nucleotide sequence complementary to a DNA [according to Claim 1] with a nucleotide sequence selected from the group consisting of SEQ ID NO. 563, SEQ ID NO. 709, SEQ ID NO. 1017, SEQ ID NO. 1219, SEQ ID NO. 1320, SEQ ID NO. 1449, SEQ ID NO. 2058, SEQ ID NO. 2965, SEQ ID NO. 3084, and SEQ ID NO. 4937.

3. (Amended) A purified double-stranded DNA [consisting of a DNA according to Claim 1 and a DNA according to Claim 2] comprising
41 a nucleotide sequence selected from the group consisting of SEQ ID NO. 563, SEQ ID NO. 709, SEQ ID NO. 1017, SEQ ID NO. 1219, SEQ ID NO. 1320, SEQ ID NO. 1449, SEQ ID NO. 2058, SEQ ID NO. 2965, SEQ ID NO. 3084, and SEQ ID NO. 4937; and
a DNA sequence complementary thereto.

4. (Amended) A purified single-stranded DNA comprising a portion of [any of the nucleotide sequences listed under SEQ. ID NO. 1-7837] a nucleotide sequence selected from the group consisting of SEQ ID NO. 563, SEQ ID NO. 709, SEQ ID NO. 1017, SEQ ID NO. 1219, SEQ ID NO. 1320, SEQ ID NO. 1449, SEQ ID NO. 2058, SEQ ID NO. 2965, SEQ ID NO. 3084, and SEQ ID NO. 4937 which hybridizes [and hybridizing] specifically to a particular site of human genomic DNA, human cDNA or human mRNA.